

COUNTY OF LOS ANGELES
DEPARTMENT OF HEALTH SERVICES

SUBJECT: **PRIVATE AMBULANCE VEHICLE ESSENTIAL MEDICAL
AND PERSONAL PROTECTIVE EQUIPMENT** REFERENCE NO. 451.1a

PURPOSE: To establish the minimum essential medical and personal protective equipment that must be maintained on an in-service ambulance vehicle in order for the vehicle to remain in-service for the provision of patient care.

AUTHORITY: Los Angeles County Code, Title 7, Chapter 7.16

PRINCIPLES:

1. The essential medical equipment identified herein is the minimal amount of medical equipment, medical supplies and personal protective equipment (PPE) that an ambulance vehicle must have in order to remain in-service and continue to provide patient care. This policy does not supersede Reference No. 710, Basic Life Support Ambulance Equipment, which establishes the minimum equipment required for a basic life support (BLS) ambulance to be approved for licensing.
2. Failure to maintain the following quantity of essential medical equipment, medical supplies, and personal protective equipment on an ambulance vehicle that is in service shall result in a notice of violation and an administrative fine may be issued to the ambulance operator.
3. If an ambulance operator can demonstrate that an ambulance vehicle which does not meet these requirements is enroute to restock equipment and/or supplies the notice of violation and administrative fine will not be issued.
4. Expired medications, contaminated and/or compromised medications or medical supplies and/or equipment is considered not stocked for the purposes of this policy.

BASIC LIFE SUPPORT (BLS) UNIT


MEDICAL EQUIPMENT & SUPPLIES	QUANTITY
Ankle and wrist restraints <ul style="list-style-type: none">• If soft ties are used, they should be at least three (3) inches wide (before tying) to maintain a two (2) inch width while in use	1 set
Bag-valve device with O ₂ inlet and reservoir: <ul style="list-style-type: none">• Adult• Pediatric	1 each
Bag-valve mask: <ul style="list-style-type: none">• Large• Medium• Small adult/child• Toddler• Infant• Neonate	1 each

EFFECTIVE: 08-01-12

REVISED: 10-01-15

SUPERSEDES: 12-01-14

APPROVED:


Director, EMS Agency


Medical Director, EMS Agency

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MEDICAL EQUIPMENT & SUPPLIES	QUANTITY
Blood pressure manometer, cuff and stethoscope: <ul style="list-style-type: none"> • Thigh • Adult • Child • Infant 	1 each
Cervical collars, rigid: <ul style="list-style-type: none"> • Adult • Child • Infant 	1 each
Immobilizer, Head: <ul style="list-style-type: none"> • Disposable or Reusable 	1
Linen Supplies	1 set
Oropharyngeal airways: <ul style="list-style-type: none"> • adult • children • infant • newborn 	1 each
Oxygen cannulas: <ul style="list-style-type: none"> • Adult • Child 	1 each
Oxygen masks, transparent: <ul style="list-style-type: none"> • Adult • Child • Infant 	1 each
Oxygen, portable <ul style="list-style-type: none"> • Minimum of 2000 psi in a "D" or larger oxygen cylinder 	1
Oxygen, vehicle (house) <ul style="list-style-type: none"> • Minimum 500 psi in an "M" or larger oxygen cylinder 	1
Body Substance Isolation Equipment: <ul style="list-style-type: none"> • Mask • Gown • Eye protection 	2 each
Spine boards, rigid, approximately 14 inches in width: <ul style="list-style-type: none"> • One approximately 72 inches in length with straps for immobilization of suspected spinal or back injuries 	1
Stretchers: <ul style="list-style-type: none"> • Stretcher with wheels and the following: <ul style="list-style-type: none"> ○ mattress covered with impervious plastic material or the equivalent ○ capability to elevate both the head and foot ○ straps to secure the patient to the stretcher and a means of securing the stretcher in the vehicle ○ be adjustable to at least four different levels 	1
Suction equipment, portable <ul style="list-style-type: none"> • Mechanical portable suction must achieve a negative pressure equivalent to 300 mm of mercury; and • 30 liter per minute air flow rate for 30 minutes of operation 	1

MEDICAL EQUIPMENT & SUPPLIES	QUANTITY
Suction equipment, vehicle (house), capable of at least: <ul style="list-style-type: none"> a negative pressure equivalent to 300 mm of mercury 30 liter per minute air flow rate for 30 minutes of operation 	1
Suction tubing: <ul style="list-style-type: none"> Non-collapsible, plastic, semi-rigid, whistle tipped, finger controlled type is preferred Flexible catheters for tracheostomy suctioning (8Fr.-12Fr.) 	1 each
Tourniquets (commercial, for control of bleeding)	2
PERSONAL PROTECTION EQUIPMENT (PPE)	QUANTITY
Gloves, work (multiple use, leather)	2 pairs
Hearing Protection (includes foam ear plugs)	2 sets
Jacket, EMS, with reflective stripes*	2
Rescue Helmet	2
Respiratory protection mask (N95) and general purpose mask	2 each
Safety vest meeting ANSI standards or equivalent*	2
*Jackets meeting ANSI standards may be used in lieu of the Safety vest	

ADVANCED LIFE SUPPORT (ALS) UNIT

An ALS unit must maintain all of the medical equipment and medical supplies listed for a BLS unit, plus the following additional items:

MEDICATIONS	QUANTITY
Albuterol (pre-mixed with NS)	10 mgs
Adenosine	18 mgs
Amiodarone	450 mgs
Aspirin (chewable 81 mg)	162 mgs
Atropine sulfate (1mg/10ml)	2 mgs
Calcium chloride	1 gm
Dextrose 50%	100 mls
Dextrose solution 100 gm (glucose paste may be substituted)	1
Diphenhydramine	50 mgs
Epinephrine (1:1,000)	4 mgs
Epinephrine (1:10,000)	5 mgs
Fentanyl*	400 mcgs
*Either Fentanyl or Morphine must be carried, may not stock both	
Glucagon	1 mg
Midazolam	10 mgs
Morphine sulfate **Either Fentanyl or Morphine must be carried, may not stock both	20 mgs
Naloxone	4 2 mgs
Normal saline (for injection)	2 vials
Nitroglycerin spray or tablets	1 bottle
Ondansetron ODT	8 mg
Ondansetron IV	8 mg
Sodium bicarbonate	50 mls

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INTRAVENOUS FLUIDS		QUANTITY
1000 ml normal saline		2
250 or 500 ml normal saline		2
SUPPLIES		QUANTITY
Airways – Nasopharyngeal <ul style="list-style-type: none">• Large (34-36)• Medium (26-28)• Small (20-22)		1 each
Burn pack or burn sheets		1
Contaminated needle container		1
Defibrillator with oscilloscope		1
Defibrillator electrodes (including pediatric) or paste		2
ECG electrodes (adult and pediatric)		3 each
Endotracheal tubes with stylettes <ul style="list-style-type: none">• Sizes 6.0-8.0		1 each
End Tidal CO ₂ detector and aspirator (adult)		1 each
Gloves (sterile)		1 pairs
Gloves (unsterile)		1 box
Glucometer with strips		1
Hand-held nebulizer pack		1
Hemostats, padded		1
Intravenous catheters (14G-22G)		1 each
Intravenous tubing <ul style="list-style-type: none">• Microdrip• Macro drip		2 each
King LTS-D (Disposable Supraglottic Airway device) <ul style="list-style-type: none">• Small adult (size 3)• Adult (size 4)• Large Adult (size 5)		1 each
Lancets, automatic retractable		2
Laryngoscope Handle (adult)		1
Laryngoscope blades <ul style="list-style-type: none">• Adult (curved and straight)• Pediatric (Miller #1 and #2)		1 each
Magill Forceps (adult and pediatric)		1 each
Mucosal Atomization Device (MAD)		1
Normal saline for irrigation		1 bottle
Needle thoracostomy kit or 14 G 3 ½" angiocath		2
Pediatric resuscitation tape		1
Procedures Prior to Base Contact Field Reference No. 806.1		1
Pulse Oximeter		1
Saline locks		2
Syringes (1 ml – 60 ml)		Assorted
Tube introducer		1
Vaseline gauze		2

NURSE STAFFED CRITICAL CARE TRANSPORT (CCT) UNIT

A nurse staffed CCT unit must maintain all of the medical equipment and medical supplies listed for a BLS unit, plus the following additional items:

MEDICATIONS		QUANTITY
Albuterol (pre-mixed with NS)		10 mgs
Adenosine		12 mgs
Amiodarone		450 mgs
Aspirin (chewable 80 mg)		162 mgs
Atropine sulfate (1mg/10ml)		6 mgs
Calcium chloride		1 gm
Dextrose 50%		100 ml
Dextrose solution 100 gm (glucose paste may be substituted)		1
Diphenhydramine		50 mgs
Dopamine (premix or vials)		400 mgs
Epinephrine (1:1,000)		4 mgs
Epinephrine (1:10,000)		5 mgs
Lidocaine (1 gm/250 ml)		1 bag
Lidocaine		150 mgs
Naloxone		2 mgs
Nitroglycerin spray or tablets		1 bottle
INTRAVENOUS FLUIDS		QUANTITY
1000 ml normal saline		1
250 normal saline		1
SUPPLIES		QUANTITY
Airways – Nasopharyngeal		
• Large (34-36)		
• Medium (26-28)		
• Small (20-22)		1 each
Back-up power source/adjunct power source (inverter, batteries, etc.). Second source required if transporting IABP patients.		1
Cardiac monitor/defibrillator oscilloscope including end tidal CO ₂ detector, external pacemaker, pulse oximeter and optional 12 lead EKG capabilities		1
Cellular phone		1
Glucometer, strips and lancets, automatic retractable		1
Hand-held nebulizer pack		1
Hemostats, padded		1
Infusion pump(s) with the capability of a minimum of 3 chamber drip and associated tubing		1
Intravenous Tubing		
• Microdrip		
• Macro drip		2 each
Normal Saline for irrigation		1 bottle
Pediatric Resuscitation Tape		1
Pulse Oximeter		1
Saline Locks		2

RESPIRATORY CARE PRACTITIONER (RCP) STAFFED CCT UNIT

An RCP staffed CCT unit must maintain all of the medical equipment and medical supplies listed for a BLS unit, plus the following additional items:

MEDICATIONS		QUANTITY
Albuterol (pre-mixed with NS)		10 mgs
Atrovent		20 mgs
SUPPLIES		QUANTITY
Airways – Nasopharyngeal <ul style="list-style-type: none"> • Large (34-36) • Medium (26-28) • Small (20-22) 		1 each
Airway Guard (bite blocker)		1
Cellular Phone		1
Color Code Drug Doses LA County Kids		1
Coupler/Quick Connect (oxygen connection)		1
End tidal CO ₂ Detector (portable)		1
ETCO ₂ Filterline		2
Endotracheal tubes with stylets <ul style="list-style-type: none"> • Sizes 2.0-8.0 		1 each
Gloves (sterile)		1 pair
Heat/Moisture Exchange Ventilator Filters <ul style="list-style-type: none"> • Adult • Peds • 2 universals may be carried in lieu of one adult and one pediatric 		1 each
King LTS-D (Disposable Supraglottic Airway device) <ul style="list-style-type: none"> • Small adult (size 3) • Adult (size 4) • Large Adult (size 5) 		1 each
Laryngoscope Handle <ul style="list-style-type: none"> • Adult • Pediatric 		1 each
Laryngoscope Blades <ul style="list-style-type: none"> • Adult Curved • Adult Straight • Pediatric Miller 0 • Pediatric Miller 1 • Pediatric Miller 2 		1 each
Magill Forceps <ul style="list-style-type: none"> • Adult • Pediatric 		1 each
Pediatric Resuscitation Tape		1
PEEP Valve <ul style="list-style-type: none"> • Adult • Pediatric 		1 each

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SUPPLIES		QUANTITY
Pulse Oximeter		
• Adult Probe		1 each
• Pediatric Probe		
Tracheostomy Mask		
• Adult		1 each
• Pediatric		
Ventilator Filters		2
Ventilator Circuits (disposable)		
• Adult		1 each
• Pediatric		
Ventilator (non-pneumatic)		1
Venturi Mask		1